Index of Claims

Application/Control No.

Reexamination

Applicant(s)/Patent under

10/668,294 Examiner

YAMAMOTO, AKIO Art Unit

Alvin A. Hunter

3711

Rejected Allowed

(Through numeral) Cancelled

N

Appeal Α

Restricted

Interference

Non-Elected

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| Cla                                   | Date   |          |                |              |  |               |  |  |          |                 |
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|                                       | Г  | Г        | Т              | П            | T  | Ī             | T  | T  | Τ-       |                 |
| Final                                 | Original   | 2/10/06  |                |              |  |               |  |  |          |                 |
| 1<br>7<br>8<br>9<br>2<br>20<br>3      | 1<br>2<br>3<br>4<br>5<br>6<br>7  | =        |                |              |  |               |  |  |          |                 |
| 7                                     | 2  | =        | <u> </u>       | L            | L  |               |  |  |          |                 |
| 8                                     | 3  | =        | _              | Ι            |  | Π             |  |  | Г        |                 |
| 9                                     | 4  | =        |                | Г            |  |               |  | T  |          |                 |
| 2                                     | 5  | =        |                |              | Π  | 1             | $\top$   | T  | T        |                 |
| 20                                    | 6  | ╘        |                | T            | 1  | _             | 1  | T  | 一        |                 |
| 3                                     | 7  | =        |                |              |  | 1             | $\vdash$   |  | t        |                 |
| 4                                     | 8  | =        |                | _            | $\vdash$   | t             | t  | 1  | _        |                 |
| 5                                     | 9  | =        |                |              | $\vdash$   | 1-            | $\vdash$   | <del>                                     </del> | Н        |                 |
| 6                                     | 10   | =        |                | <del> </del> | $\vdash$   | ╁             | H  | $\vdash$   | $\vdash$ | $\vdash$        |
| 10                                    | 11   | =        |                | -            | H  | ┼             | ╁╴   | ┢  | -        | -               |
| 12                                    | 12   | =        | -              | $\vdash$     | $\vdash$   | -             | 1  | $\vdash$   | $\vdash$ | Н               |
| 13                                    | 13   | =        | $\vdash$       | <del> </del> | ⊢  | ╁             |  | $\vdash$   | $\vdash$ | $\vdash$        |
| 14                                    | 14   | Ē        | $\vdash$       | <del> </del> | -  | +-            | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$        |
| 6<br>10<br>12<br>13<br>14<br>15<br>16 | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26 | =        | $\vdash$       | $\vdash$     | -  | $\vdash$      | $\vdash$   | $\vdash$   | -        | ┯               |
| 10                                    | 10   | _        |                | -            | $\vdash$   | $\vdash$      | $\vdash$   | <del> </del>                                     | -        | Н               |
| 17                                    | 17   | =        | $\vdash$       | $\vdash$     | -  | ├             | ├  | $\vdash$   | $\vdash$ | Н               |
| 17                                    | 17   | =        | <del> </del> — | _            | -  | <b> </b>      | ├  | _  | _        | Н               |
| 18                                    | 18   | Ξ        | <u> </u>       | <u> </u>     | ┞  |               | ┡  | _  | <u> </u> | Ш               |
| 11                                    | 19   | =        | _              |              | _  | <u> </u>      | _  | L_   | _        | Н               |
|                                       | 20   | <u> </u> | <u> </u>       | _            | <u> </u>   | <u> </u>      | <u> </u>   | _  |          | Ш               |
| 19                                    | 21   | ▝        | <u> </u>       | <u> </u>     | _  | <u> </u>      | _  |  |          | Щ               |
| 21                                    | 22   | 트        | _              |              |  | L             |  |  |          | Щ               |
|                                       | 23   |          | <u> </u>       | <u></u>      | _  | _             | $oxed{oxed}$                                     |  | L        |                 |
|                                       | 24   |          | <u> </u>       | <u> </u>     | _  |               | L  |  | L        | Ш               |
|                                       | 25   |          |                |              |  |               |  |  |          |                 |
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|                                       |  | -        | $\vdash$       |              |  | $\vdash$      | -  |  |          | Н               |
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| Date      |          |          | ] [            | Cla      | im       | Date     |          |                |          |          |          |          |          |          |          |          |           |
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|           |          | Π        |                |          | Π        |          |          |                |          |          |          |          |          |          |          |          | П         |
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| _         | _        | _        | <u> </u>       | ├-       | _        | 1 1      |          | 52<br>53       | _        |          | <u> </u> |          |          |          | _        | _        |           |
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| _         |          |          | _              | ╙        |          | 1 1      |          | 54<br>55       | _        |          | L_       |          |          |          |          |          | Щ         |
|           |          | _        |                | <u> </u> |          |          |          | 55             |          | ,        | _        |          |          |          |          |          |           |
|           |          | _        |                |          |          | ΙL       |          | 56             |          |          |          |          |          |          |          |          |           |
|           |          |          |                |          |          |          |          | 57             |          |          |          |          |          |          |          |          |           |
|           |          |          |                | Г        |          | 1 [      |          | 58             |          |          |          | Ţ,       |          |          |          |          |           |
|           |          | Г        |                |          |          | 1 1      |          | 59             |          |          |          |          |          |          | _        |          |           |
|           |          |          |                |          |          | 1 1      |          | 60             |          | _        |          |          |          |          | _        |          | Н         |
| $\neg$    |          |          | $\vdash$       | 1        | _        | 1 1      | $\neg$   | 61             | _        |          |          |          |          |          | _        |          | Н         |
| _         | -        | _        | ┢              | ┢        | $\vdash$ | 1 1      | -        | 62             | $\vdash$ |          | _        |          |          |          |          | -        | Н         |
| ᅱ         | _        | $\vdash$ | ⊢              | ⊢        | -        | {        | $\dashv$ | 62             | -        | _        |          |          |          |          | _        | $\vdash$ | $\vdash$  |
| -         |          | $\vdash$ | ⊢              | ┢        | -        | {        |          | 63             |          |          |          |          |          |          | _        | _        | Н         |
|           |          | <u> </u> | ⊢              | ├-       | <u> </u> | <b>!</b> |          | 64             | _        | _        | _        |          |          | _        |          |          | Щ         |
| _         |          | _        | _              | _        | _        | [        |          | 65             |          |          |          |          |          |          |          |          | Ш         |
|           |          | _        | L              | _        | _        | }        |          | 66             |          |          |          | •        |          |          |          |          |           |
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|           |          |          |                | _        |          |          |          | 68             |          |          |          |          |          |          |          |          |           |
|           |          |          |                |          |          |          |          | 68<br>69       |          |          |          |          |          |          |          |          |           |
|           |          |          |                |          |          |          |          | 70             |          |          |          |          |          |          |          |          |           |
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|           |          |          |                |          |          | i t      |          | 73             |          |          |          |          |          |          |          | _        |           |
|           |          |          |                |          |          | 1 1      |          | 74             |          | _        | _        |          |          |          |          | $\vdash$ | $\vdash$  |
| -         | _        | -        | -              | ┢        |          | {        |          | 75             | -        |          |          | $\vdash$ |          |          | -        | $\vdash$ | $\vdash$  |
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| $\dashv$  |          |          |                | <u> </u> |          | -        |          | 77             |          |          |          |          |          |          |          |          |           |
| $\dashv$  |          |          | <u> </u>       | _        |          |          |          | 78             |          | _        |          |          | _        |          |          |          |           |
| _         |          |          |                |          |          |          |          | 79             | Ш        |          |          |          | _        |          |          |          |           |
| _         |          |          |                | <u> </u> |          |          |          | 80             |          |          |          |          |          |          |          |          |           |
| _         |          |          | L              |          |          | lL       |          | 81             |          |          |          |          |          |          |          |          |           |
|           |          |          |                |          |          | lL       | l        | 82             |          |          |          |          |          |          |          |          |           |
|           |          |          |                |          |          | l        |          | 82<br>83       |          |          |          |          |          |          |          |          |           |
|           |          |          |                |          |          |          |          | 84             |          |          |          |          |          |          |          |          |           |
| $\neg$    |          |          |                |          |          |          |          | 85             | П        |          |          |          |          |          |          |          |           |
| $\neg$    |          |          |                |          | П        |          |          | 86             |          |          |          |          |          | $\neg$   |          |          | $\dashv$  |
| $\neg$    | $\neg$   |          |                |          |          |          |          | 87             |          | $\dashv$ | _        |          | $\neg$   | $\neg$   |          | $\vdash$ | $\dashv$  |
| $\dashv$  | -        | $\vdash$ | _              | $\vdash$ | $\vdash$ |          |          | 88             | H        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$  |
| ᅦ         |          | -        |                | $\vdash$ | $\vdash$ |          |          | 89             | $\vdash$ |          | $\dashv$ |          | -        | -        |          | -        | -         |
| $\dashv$  | _        | $\dashv$ | $\vdash$       | $\vdash$ | Н        |          |          | 90             | Н        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$  |
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| -         | $\dashv$ | $\vdash$ | _              | <u> </u> | _        |          |          | 91             | Н        |          | _        |          |          |          | Щ        | Щ        | Щ         |
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| _]        |          |          |                |          | ▔        |          |          | 97             |          |          |          | $\neg$   |          |          |          |          |           |
|           |          |          |                |          |          |          | $\neg$   | 98             |          |          |          | ヿ        | $\neg$   | $\neg$   |          |          |           |
| $\neg$    |          |          |                |          | $\neg$   | ı        |          | 99             |          |          |          | $\neg$   |          |          |          |          | $\neg$    |
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|           |          |          | _              | لب       |          | L        |          |                |          |          |          |          |          |          | 1        |          |           |

| Cla    | Date                                   |                |              |          |            |              |          |                 |          |                   |
|--------|--|----------------|--------------|----------|------------|--------------|----------|-----------------|----------|-------------------|
|        | <u> </u>                               | Γ              | l            | Γ,       | <u> </u>   | Ť            |          |                 |          |                   |
| Final  | Original                               |                |              |          |            |              |          |                 |          |                   |
|        | 101<br>102                             |                |              |          |            |              |          |                 |          |                   |
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|        | 103                                    |                |              |          |            |              |          |                 |          |                   |
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|        | 108                                    | L_             | <u> </u>     | _        |            | L.           |          |                 |          |                   |
|        | 109                                    | _              |              |          |            |              |          | L.              | _        |                   |
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|        | 120                                    |                | _            | _        | <u> </u>   | -            |          |                 | _        |                   |
|        | 120                                    | -              | <u> </u>     |          | -          | -            |          |                 | _        |                   |
|        | 122                                    | -              | $\vdash$     | _        | H          | -            | -        | -               |          |                   |
|        | 122                                    |                | -            | _        |            |              |          | -               | -        |                   |
|        | 124                                    |                |              | -        |            | ⊢            | ⊢        | -               | -        | Н                 |
|        | 121<br>122<br>123<br>124<br>125        | $\vdash$       | -            | -        | _          | $\vdash$     |          | -               | _        | $\vdash$          |
|        | 126                                    |                |              |          |            | H            | ┝        | -               |          | $\vdash$          |
|        | 126<br>127<br>128                      | -              |              | -        |            |              |          |                 | -        |                   |
|        | 128                                    |                | _            |          | -          | -            |          |                 | -        |                   |
|        | 129<br>130<br>131                      | $\vdash$       | _            |          |            | $\vdash$     | -        |                 |          |                   |
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|        | 137<br>138                             |                | <u>_</u>     |          |            |              | _        |                 |          | Ш                 |
|        | 138                                    |                | Н            | ļ.,      | _          | L,           |          |                 | Ш        | Ш                 |
|        | 139<br>140                             | $\vdash$       | Н            | _        | _          | L            |          |                 |          | $\mid \perp \mid$ |
|        | 141                                    |                | Н            | -        |            |              | _        | $\vdash \vdash$ | -        | $\vdash \vdash$   |
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